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1652

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/415,795

DATE: 10/27/2000

TIME: 13:47:17

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3 <110> APPLICANT: Zhou, Pengbo
 4 Howley, Peter M.
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 7 PROTEIN LIGASES
 9 <130> FILE REFERENCE: HMV-043.01
 11 <140> CURRENT APPLICATION NUMBER: 09/415,795
 12 <141> CURRENT FILING DATE: 1999-10-08
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231 cccggagtaa aaggtcttgt tcattgatct tgtcacccaa aaaaggagaa atatggcttg 12480
232 gcagtgtcta ccatcttagg taagaacttt gattccgtca ttgtagaaaa ttaaccgta 12540
233 gctcaagaat gcattgcatt tttgaagaag caacgtgcgg gcaactgcac ttcatacca 12600
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235 ttatcaatta atgctattga ctacgagccg gaatatgaaa aagcgatgca atatgtgtgt 12720
236 ggcgattcca tcatatgtaa tacggttgaat attgctaaag atctgaaatg gaaaaagggc 12780
237 ataagaggca aattggttac aattgaaggt gctttgatec acaaggccgg tttgatgaca 12840
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241 ttgagaactc aagtaacaca acaaaaaacg cccttgatg aaaatcggtt agagattaa 13080
242 taccataatg acttgataga gaaagaaatt caaccgaaga taactgaact aaagaagaag 13140
243 ctatgatgatt tagaaaatac taaagataat ttagtgaag agaaggaggc tttaaaaaat 13200
244 aatattttca aagaattcac tagtaaaatt ggcctttcaa tcaaaagata tgaatatcat 13260
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252 tctaataata atatacctat atcatctgaa acaacgatag atgatttacc aatatcttcc 13740

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY DATE: 10/27/2000
PATENT APPLICATION: US/09/415,795 TIME: 13:47:19

Input Set : A:\Hmv04301.app
Output Set: N:\CRF3\10272000\I415795.raw

L:2127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:2130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:2183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:2493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33